BRUHATH BANGALORE MAHANAGARA PALIKE,

Office of the Executive Engineer Dasarahalli Division

**Schedule - B**

BBMP/2024-25/OW/WORK_INDENT3857

NAME OF WORK: Repairs and Maintenance of Borewells at Chikkasandra and surroundings area in ward no. 17, T.Dasarahalli Sub Division.

| Sl. No | Description of work | Unit | Qty | Rate quoted by the contractor Smt. JAGADEESHWARI R (1)( LAKSHMI NARAYANA CONSTRUCTION | |
|---|---|---|---|---|---|
| | | | | In Figures (Rs.) | In Words (Rs.) |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc.(with guarantee period not less than 6 months) For all types of submersible pumpsets above 10 HP and upto 11 H.P. | No | 4 | 5177.00 | Rupees Five Thousand One Hundred Seventy Seven Only |
| 2 | Lifting of Struck up Submersible Pump Set , Above 300 Ft | Each | 2 | 10000.00 | Rupees Ten Thousand Only |
| 3 | Suplying and fixing 50mm GI Collars | No | 30 | 220.00 | Rupees Two Hundred Twenty Only |
| 4 | Supplying and fixing 50 mm GI pipes heavy duty for erection of submersible pumpset | Mtr | 100 | 380.00 | Rupees Three Hundred Eighty Only |
| 5 | Labour charges for providing connection using insulated sheathed steel wire cable as per IS 1554/ 1988 with latest amendments from KPTCL pole to meter board unit, with all necessary materials ,tools and equipments,as per specificationswith testing of as per instructions of engineer incharge of work. (LTUG Cable) | Rmtr | 70 | 270.00 | Rupees Two Hundred Seventy Only |
| 6 | Providing wrought mild steel (galvanized) 15 mm dia GI collar confirming to IS 1239-II, 1991 with latest amendments if any For 50 mm dia GI collar: | No | 6 | 220.00 | Rupees Two Hundred Twenty Only |
| 7 | Spplying and fixing 50mm GI Elbow. | No | 6 | 220.00 | Rupees Two Hundred Twenty Only |

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Signature of the Contractor

Executive Engineer

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| | | | | In Figures (Rs.) | In Words (Rs.) |
| 8 | Spplying and fixing 50mm GI Nipple. | No | 6 | 200.00 | Rupees Two Hundred Only |
| 9 | Cutting and threading G.I. pipes for pump fitting, public fountains with appurtenances., where the length of pipe laid is less than 6 metres Pipes of dia 32mm to 80mm | No | 100 | 280.00 | Rupees Two Hundred Eighty Only |
| 10 | Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1 No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor type S-D- Star Delta Starter, 6 to 15 HP pumps | Each | 6 | 15000.00 | Rupees Fifteen Thousand Only |
| 11 | Labour charges for Erection of new / repaired submersible pump set along with GI pipes (32mm / 50mm), cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (Each length = 6 m) | Job | 400 | 187.00 | Rupees One Hundred Eighty Seven Only |
| 12 | Labour charges for lifting of non functioning submersible pump set along with cable and GI pipes (Each length = 6m) for 50 mm | Job | 380 | 229.00 | Rupees Two Hundred Twenty Nine Only |
| 13 | 12.50 H.P | No | 6 | 5000.00 | Rupees Five Thousand Only |
| 14 | 15.00 H.P | No | 6 | 6000.00 | Rupees Six Thousand Only |
| 15 | Replace the components of submersible pump sets, requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc.(with gurantee of period not less than 1 year) The bowls of same type and make | Each | 16 | 1500.00 | Rupees One Thousand Five Hundred Only |

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Executive Enginee

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| | | | | In Figures (Rs.) | In Words (Rs.) |
| 16 | The Intermediate piece (IP) with IP leaded bronze brush. | Each | 16 | 800.00 | Rupees Eight Hundred Only |
| 17 | The Oil Seal. | Each | 32 | 300.00 | Rupees Three Hundred Only |
| 18 | The Oil Seal.and steel bush | Each | 16 | 200.00 | Rupees Two Hundred Only |
| 19 | The Guide Vane | Each | 16 | 700.00 | Rupees Seven Hundred Only |
| 20 | The Impeller (Shell moulded with aluminium and bronze.) | Each | 16 | 1500.00 | Rupees One Thousand Five Hundred Only |
| 21 | The discharge outlet (DO) bearing DO steel brush DO bearing. | Each | 16 | 2000.00 | Rupees Two Thousand Only |
| 22 | The steel bearing bush (DO steel bush) | Each | 16 | 400.00 | Rupees Four Hundred Only |
| 23 | The allen screw | Each | 16 | 900.00 | Rupees Nine Hundred Only |
| 24 | The pump shaft made out of stainless steel counterless ground with key way (upto 8 stages). Extra for Each stage at Rs.40/-. | Each | 13 | 1200.00 | Rupees One Thousand Two Hundred Only |
| 25 | The pump key (stainless steel) | Each | 13 | 600.00 | Rupees Six Hundred Only |
| 26 | The pump coupling (stainless steel) | Each | 13 | 1200.00 | Rupees One Thousand Two Hundred Only |
| 27 | The Non Return Valve (NRV) assembly complete with rubber 'O' ring. | Each | 13 | 600.00 | Rupees Six Hundred Only |
| 28 | The cable guard | Each | 13 | 350.00 | Rupees Three Hundred Fifty Only |
| 29 | The strainer | Each | 13 | 400.00 | Rupees Four Hundred Only |

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|---|---|---|---|---|---|
| | | | | In Figures (Rs.) | In Words (Rs.) |
| | The brass filter | Each | 13 | 1000.00 | Rupees One Thousand Only |
| | The Labour Charges for overhauling of the pump set. | Each | 13 | 900.00 | Rupees Nine Hundred Only |
| 2 | The Lock Ring | Each | 13 | 350.00 | Rupees Three Hundred Fifty Only |
| 33 | The Carbon Housing | Each | 13 | 2000.00 | Rupees Two Thousand Only |
| 34 | The Carbon Housing (Thrust bearing block assembly complete with segment bearing pad. | Each | 13 | 2200.00 | Rupees Two Thousand Two Hundred Only |
| 35 | The Carbon Housing (Top carbond / ferrodo padding) | Each | 13 | 350.00 | Rupees Three Hundred Fifty Only |
| 36 | The Stud and Nuts | Each | 13 | 200.00 | Rupees Two Hundred Only |
| 37 | The Gun Metal bearing, centrifugally cast Aluminium Bronze bearing bush | Each | 13 | 850.00 | Rupees Eight Hundred Fifty Only |
| 38 | The Circlips | Each | 13 | 200.00 | Rupees Two Hundred Only |
| 39 | The Motor base with pin | Each | 13 | 500.00 | Rupees Five Hundred Only |
| 40 | The Transportation of pumping machineries | Each | 16 | 1200.00 | Rupees One Thousand Two Hundred Only |
| 41 | Labour charges (Over hauling only) Motar | Each | 16 | 3000.00 | Rupees Three Thousand Only |
| 42 | Replace the components of motor parts of submersible pump sets, items requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc and wtih guarantee/ warranty for one year for:The upper flange | Each | 13 | 650.00 | Rupees Six Hundred Fifty Only |

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Signature of the Contractor

K.M.
Executive Engineer

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|---|---|---|---|---|---|
| | | | | In Figures (Rs.) | In Words (Rs.) |
| 43 | The lower flange | Each | 13 | 650.00 | Rupees Six Hundred Fifty Only |
| 44 | upper/ lower housing | Each | 13 | 1200.00 | Rupees One Thousand Two Hundred Only |
| 45 | Supply and delivery at site Brand new best make PVC insulated cable of Flat 3 core (sheathed) of nominal cross sectional area as per IS 694-1990 with ISI Mark and as per its latest amendments. 1x3x4 Sqm | Rmtr | 200 | 90.00 | Rupees Ninety Only |
| 46 | Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers | No | 40 | 300.00 | Rupees Three Hundred Only |
| 47 | Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motor upto 20HP capacities. | Each | 16 | 900.00 | Rupees Nine Hundred Only |
| 48 | Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. | Each | 32 | 1800.00 | Rupees One Thousand Eight Hundred Only |
| 49 | Supplying & fixing miniature circuit breakers on existing MCB distribution boards using ecessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63 A TPN | No | 20 | 2500.00 | Rupees Two Thousand Five Hundred Only |
| 50 | Supplying fixing and wiring 0 to 600 Volts 96 x 96mm AC voltmeter | Each | 16 | 400.00 | Rupees Four Hundred Only |
| 51 | Supplying fixing and wiring 0 to 100 Amps Direct Reading AC analog Ammeter | Each | 16 | 450.00 | Rupees Four Hundred Fifty Only |
| 52 | Supplying, fixing and wiring rotary selector switch suitable for ammeter | Each | 16 | 200.00 | Rupees Two Hundred Only |
| 53 | Supplying, fixing and wiring rotary selector switch suitable for Voltmeter | Each | 16 | 120.00 | Rupees One Hundred Twenty Only |
| 54 | Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440VAC. 50 Hz 12/24V D.C. | Each | 32 | 400.00 | Rupees Four Hundred Only |

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| | | | | In Figures (Rs.) | In Words (Rs.) |
| 55 | Fabricating supplying and mounting MS box made out 14 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clA with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.ie., | Sq CM | 251650.00 | 0.20 | Twenty Paise Only |

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Executive Engineer,
Dasarahalli Division,

Executive Engineer

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